

Test, Evaluation, And Maintenance Contract	Delivery Order # 5ID0108	Revision -
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## 1. General Scope of Work

### 1.1 Purpose and Objective

Repair the Test Stand 403 Centerbody diffuser, perform required NDE, remove all the scaffolding and work platforms, hydrostat the diffuser and return it to service at or above the original rating.

## 2. Technical Requirements

### 2.1 Description of Work

Complete the following:

- \* grinding & cut-out of damaged portions of the diffuser
- \* repair and NDE of repaired areas
- \* documentation updates (drawings, PV/S package, etc.) to reflect the changes
- \* hydrostatic testing of the repaired centerbody diffuser
- \* removal of all work platforms and scaffolding

### 2.2 Contractor Products/Services Required

- \* Maintained/updated project plan.
- \* Task plan with critical path analysis.
- \* Monthly status briefing at least two full working days prior to presentation.
- \* Weekly highlights at least one full day before COB of the end of the week.
- \* Bi-monthly (every two weeks) status meeting including EV data & realization rates per discipline & per the project in general.
- \* Task plan for the next phase (procurement of a new replacement) of the project.
- \* "As built" drawings of the centerbody diffuser.
- \* Complete repair designs including drawings.

### 2.3 Materials and Travel Requirements

All materials required with the exception of fluids and gasses will be purchased by the contractor using project funds with the exception of existing or re-utilized hardware.

No travel is anticipated during execution of the initial DO.

### 2.4 Task Plan/Summary Sheet

S:\\cpe\\Processed Task Plans\\Propulsion\\5ID0108.mpp  
S:\\cpe\\FY05 Task Plan Summary\\Propulsion\\5ID0108.xls

## 3. Schedule Requirements

Complete by the following scheduled milestone dates:

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Weld repair and NDE:

November 17th, 2004

Hydrostatic test of centerbody diffuser:

November 23rd, 2004

Removal of scaffolding:

December 13th, 2004

#### 4. Cost Tracking Requirements

Charge Number	Rev	Function Codes	Fund Source	WSTF Overhead %	\$K Amounts	Charge Number Title
LLO	-	SA	61030		18.3	Test Stand 403 Centerbody Diffuser Repair & Replacement
LLP	-	SA	61030		31	Test Stand 403 Centerbody Weld Repair & NDE
LLQ	-	SA	61030		25.6	Test Stand 403 Centerbody Hydrostat
LLR	-	SA	61030		5.6	Test Stand 403 Centerbody Repair Non-Propulsion Support
Notes				Total \$K	80.5	

#### 5. Evaluation Criteria

In addition to the standard propulsion evaluation criteria, the contractor will be evaluated based on their ability to do the following:

- Keep customer informed of schedule and scope changes due to changing project priority or test requirements
- Manage cost and scope such that the project objectives are met/exceeded within the budget. Demonstrate that the objective of returning the existing centerbody to a good, safe working condition has been achieved, resulting in a quality product.
- Accuracy, clarity, and conciseness of the project plans and other project documents.
- Timely, consistent delivery of status briefings, weekly highlights, earned value and realization rate data per the included schedule.

Schedule:

Exceeds expectations: project completion ahead of schedule

Meets expectations: is on schedule

Did not meet expectations: is grossly behind schedule (more than two weeks)

Cost:

Exceeds expectations: project is complete below cost estimated

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Meets expectations: project is on cost  
Did not meet expectations: project is overspent, requiring additional funding

Note: This is only a summary of revision history. Details of the changes must be contained in the text of the Delivery Order.

Rev	Approved	Change (+/- \$K)	Contract Value	Revision Summary
-		80.5	67.17874	
A		27.5	89.70648	Added dollars to the delivery order for: acceleration of the schedule (OT), repairs to the purger fan and additional safety personnel.